

ABSTRACT OF THE DISCLOSURE

A brushless motor includes a highly reliable thrust-receiving member that simplifies the machining and assembling of parts and prevents deformation of the bearing and leakage of lubricating oil. A stator base has a cylindrical portion serving as a base portion of a bearing housing of the motor. The cylindrical portion is integral with the stator base. A sleeve bearing is pressed in and mounted in a fixed condition on the inner side of the cylindrical portion. A stator core consisting of a conductive wire is mounted in a fixed condition on the outer side of the cylindrical portion, thereby forming a stator. A thrust-receiving portion for the rotary shaft is molded integrally with the stator base at the opening of the cylindrical portion by outsert and resin integral molding, this thrust-receiving portion serving to receive the end of the rotary shaft opposite to the output end thereof.